



EU SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 and Regulation (EU) No 453/2010 (REACH)

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Amigard Spot-on

Material number S003

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Amigard Spot-on (商品名稱及公司資訊)

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Repellent

1.3 Details of the supplier of the safety data sheet

Company name: SolNova AG

Street/POB-No.: Binderstr. 62

Postal Code, city: 3702 Zollikon
Switzerland

Telephone: +41 44 390 35 69

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Dept. responsible for information:

W. Mayer,

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1.4 Emergency telephone number

Telephone: +41 44 390 35 69

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

This preparation is classified as not hazardous. (本商品被分類為不具有危險性)

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

R phrase(s): not applicable

S phrase(s): S 2 Keep out of the reach of children.

Special labelling

Text for labelling: Content of active ingredients:

3,5% Margosa, extract (主要成分及比例)
2,9% Decanoic acid

Use biocides safely. Always read the label and product information before use.

Registration number according to "Biozid-Meldeverordnung" (BAuA-Nr.): N-46930

(安全的生物驅蟲劑, 註冊編號: N-46930)

2.3 Other hazards

No risks worthy of mention. (沒有其他疑慮風險)

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterization: A mixture of Isopropyl laurate; Margosa, extract and perfumes

棟子油諾棟樹 (Margosa提取物)

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Hazardous ingredients: 成分	名稱	含量	類別
Ingredient	Designation	Content	Classification
EINECS 206-376-4 CAS 334-48-5	Decanoic acid	2,9 %	EU: Xi; R36/38. CLP: Skin Irrit. 2; H315. Eye Irrit. 2; H319.

天然椰子油 (癸酸, Decanoic acid)

SECTION 4: First aid measures 急救措施**4.1 Description of first aid measures**

- After inhalation: Provide fresh air. Seek medical aid in case of troubles.
- In case of skin contact: Remove residues with soap and water. Change contaminated clothing. In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of eye irritation consult an ophthalmologist.
- After swallowing: Rinse mouth. Seek medical attention.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures 消防措施**5.1 Extinguishing media**

Suitable extinguishing media:
Water fog, foam, extinguishing powder, carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:
High power water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.
In case of fire may be liberated: carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:
Wear self-contained breathing apparatus.
Wear suitable protective clothing.

Additional information: Hazchem-Code: -
Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures 處理措施**6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.
Avoid contact with skin and eyes. Do not breathe vapour/aerosol.
Provide adequate ventilation.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

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6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.
Store in special closed containers and dispose of according to ordinance.

6.4 Reference to other sections

Refer additionally to chapter 8 and 13.

SECTION 7: Handling and storage 保存措施**7.1 Precautions for safe handling**

Advices on safe handling: Avoid contact with skin, eyes, and clothing.
Wear personal protection equipment.
Provide adequate ventilation, and local exhaust as needed.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.
Protect from heat and direct sunlight.
Recommended storage temperature: 12-28 °C

Storage class: 10 Combustible liquids, unless storage class 3

7.3 Specific end use(s)

repellent 主要用途：驅蟲

SECTION 8: Exposure controls/personal protection 防護措施**8.1 Control parameters**

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Occupational exposure controls

Respiratory protection: If vapours form, use respiratory protection.
Use filter type A (= against vapours of organic substances) according to EN 14387.

Hand protection: Protective gloves according to EN 374.
Glove material: Nitrile rubber - Layer thickness: 0,11 mm.
Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:
Avoid contact with skin and eyes.
Change contaminated clothing.
When using do not eat or drink.
After work, wash hands and face.

SECTION 9: Physical and chemical properties 物理及化學特性**9.1 Information on basic physical and chemical properties**

Physical state:	viscous liquid	物理狀態：黏稠液體
Colour:	light yellowish	顏色：淺黃色
Odour:	fruity	氣味：水果香味

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Boiling temperature / boiling range:	> 190 °C	沸點
Melting point / melting range:	<= 0 °C	溶點
Flash point / flash point range:	> 150 °C	閃點
Density:	0,86 g/mL	密度
Water solubility:	immiscible	水溶性

9.2 Other information

No data available

SECTION 10: Stability and reactivity 穩定性和反應性

10.1 Reactivity

Refer to chapter 10.3

10.2 Chemical stability

Product is stable under normal storage conditions. 正常環境下是穩定產品

10.3 Possibility of hazardous reactions

No hazardous reactions known. 無已知危險反應

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

May form dangerous gases and vapours in case of fire.
In case of fire may be liberated: carbon monoxide and carbon dioxide.
火災時可能產生一氧化碳和二氧化碳

SECTION 11: Toxicological information 毒理學資訊

11.1 Information on toxicological effects

Toxicological effects:	Acute toxicity (oral): Lack of data.	(以下皆無)
	Acute toxicity (dermal): Lack of data.	
	Acute toxicity (inhalative): Lack of data.	
	Skin corrosion/irritation: Lack of data.	
	Eye damage/irritation: Lack of data.	
	Sensitisation to the respiratory tract: Lack of data.	
	Skin sensitisation: Lack of data.	
	Germ cell mutagenicity/Genotoxicity: Lack of data.	
	Carcinogenicity: Lack of data.	
	Reproductive toxicity: Lack of data.	
	Effects on or via lactation: Lack of data.	
	Specific target organ toxicity (single exposure): Lack of data.	
	Specific target organ toxicity (repeated exposure): Lack of data.	
	Aspiration hazard: Lack of data.	

SECTION 12: Ecological information 生態信息

12.1 Toxicity

Water Hazard Class: 1 = slightly hazardous to water 污染水源指數：1=輕微

12.2. Persistence and degradability

Further details: No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations 處置事項

13.1 Waste treatment methods

Product

Waste key number: 18 02 06 = Chemicals other than those mentioned in 18 02 05

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. 根據適用法律處置廢棄物，非污染包裝可以回收

SECTION 14: Transport information 運輸資訊

14.1 UN number

not applicable

14.2 UN proper shipping name

國際專有裝運名稱：不限制

ADR/RID, IMDG, IATA: Not restricted

14.3 Transport hazard class(es)

運輸危害類 (ES)：不適用

not applicable

14.4 Packing group

not applicable

14.5 Environmental hazards

海洋污染物：無

Marine pollutant - IMDG: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

一般運輸法規定義：無危險品

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information 監督法規

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1安全、健康、符合環境規範的特定物質混和產品

National regulations - Great Britain 監督法規：英國

Hazchem-Code: -

監督法規：美國

National regulations - USA

NFPA危害等級：

Hazard rating systems:

NFPA Hazard Rating:

健康：1（輕微）

Health: 1 (Slight)

火災：1（輕微）

Fire: 1 (Slight)

反應性：0（最小）

Reactivity: 0 (Minimal)

HIMIS 評分

HMIS Version III Rating:

健康：1（輕微）

Health: 1 (Slight)

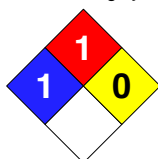
可燃性：1（輕微）

Flammability: 1 (Slight)

物理危害：0（最小）

Physical Hazard: 0 (Minimal) 個人危害：X（請諮詢主管）

Personal Protection: X = Consult your supervisor



HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information 其他資訊

Further information 進一步信息

Wording of the H-phrases under paragraph 2 and 3:

H315 = Causes skin irritation.

H319 = Causes serious eye irritation.

Wording of the R-phrases under paragraph 2 and 3:

R 36/38 = Irritating to eyes and skin.

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Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

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